S/068/61/000/001/001/001 E071/E235

Production of Technical Pyrene

for the production of carbon black. The technological scheme for the production of technical pyrene is diagramatically shown in the text. There are 3 tables, 1 figure and 7 references: 3 Soviet and 4 non-Soviet.

ASSOCIATION: UKhIN

Card 4/4

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757110006-3"

GLUZMAN, L.D.; TSIN, R.M.; ROK, A.A.

Production of 2-vinylpyridine. Koks i khim. no.ll:48-51 '61.

(MIRA 15:1)

1. Ukrainskiy uglekhimicheskiy institut.

(Pyridine)

GLUZMAN, L.D.; TSIF, R.M.

Determination of chlorides and rhodanides in coal tar and its fractions. Zav.lab. 22 no.1:45-46 '56. (MLRA 9:5)

1. Ukrainskiy nauchno-issledovatel'skiy uglekhimicheskiy institut. (Chlorides--Analysis) (Thiocyanates--Analysis) (Coal tar)

USSR / Farm Animals. Swine

Q-4

Abs Jour

: Ref Zhur - Biol., No 14, 1958, No 64496

的现在分词,我们是这些人们是是我们是是我们的是我们的,我们就是这些人的,我们是这些人的,我们就是一个人的,我们就是这些人的,我们就是这些人的,我们就是这种人的

Author

: Kvashali, F. D.; Tsinadze, K. N.; Makhatadze, D. N.

Inst

: Scientific Research Institute of Animal Husbandry, Georgian

SSR

Title

: Materials for the Study of the Fattening Capacity of the Crosses of the Mangalitsa Breed of the Abkhasian Hybrids,

Slaughter Products and Their Qualitative Indexes.

Orig Pub

: Sb. tr. N.-i. in-t zhivotnovodstva GruzSSR, 1957, 2, 179-192

Abstract

: Two groups of hybrid pigs (Local X Mangalitsa) of 10 heads each were taken for fattening. The basic concentrates were barley grits (1st group) and corn grits (2nd group). The animals of the first group, at the age of 4-6 months, were fed 121 g. of digestible protein per one feed unit; from 6 to 8 months, 110 g.; and from 8 to 10 months, 99 g. The animals of the second group were fed 111, 108, and 98 g.,

Card 1/2

38

USSR / Farm Animals. Swine.

Q-4

Abs Jour : Ref Zhur - Biol., No 14, 1958, No 64496

respectively. At the time of slaughtering, the indexes were as follows: in the 1st group the average weight before slaughtering was 94.76 kg., weight of steamed carcass - 61.55 kg., fat 18.5 kg., internal fat 6.03 kg.; in the 2nd group the indexes were 98.5, 66.1, 19.5 and 7.3 kg., respectively.

Card 2/2

K

Country: USSR

Category: Forestry. Forest Biology and Typology.

Abs Jour: RZhBiol., No 12, 1958, No 53456

Author : Tsinamdzgvrishvili, G.V.

121HAMBY ZGVALHV

: Forest Inst AS Georgian SSR Inst

: Natural Restoration in Different Types of Beech Title

Forests of Kakhetiya.

Orig Pub: Tr. In-ta lese AN GruzSSR, 1957, 7, 171-197

Abstract: The following types of forest were selected in

which natural restoration was studied: Fagetum nudum, F. asperulosum, F. festucosum, F. dryopteridosum F. rubesum and F. azaleosum. The most successful restoration was in the case of the first three types being 0.5-0.6 complete; with an increase in the degree of campy completeness the restoration

Card : 1/2

K-12

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757110006-3"

TSINAMDZGVARISHVILI, I., AKHMADOV, A., PROTOPOPOV, S.

Advice to the cook, Obshchestv. pit. no.12:24-25 D 162.
(MIRA 16:1)

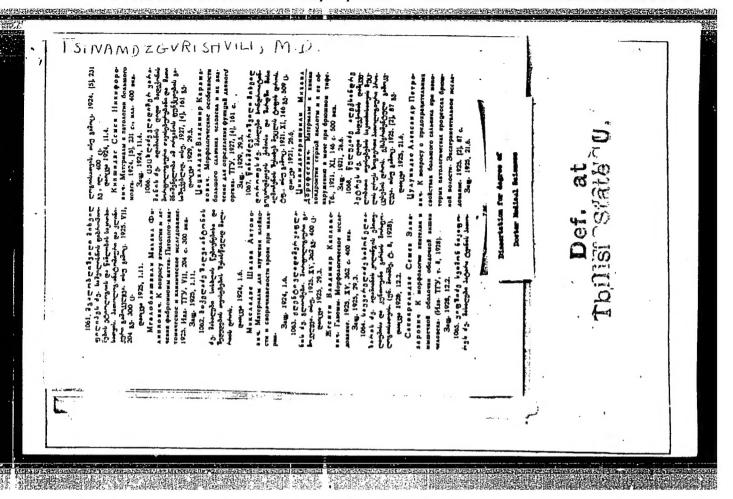
1. Nachal'nik upravleniya obshchestvennogo pitaniya Mimisterstva torgovli Gruzinskoy SSR (for TSinamdzgvarishvili). 2. Direktor restorana "Kavkaz", Groznyy (for Akhmadov).

3. Glavnyy kulinar Glavnogo upravleniya obshchestvennogo pitaniya Moskovskogo gorodskogo ispolnitel'nogo komiteta Moskovskogo gorodskogo soveta deputatov trudyashchikhsya (for Protopopov).

(Cookery, Caucasian)

#### "APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001757110006-3



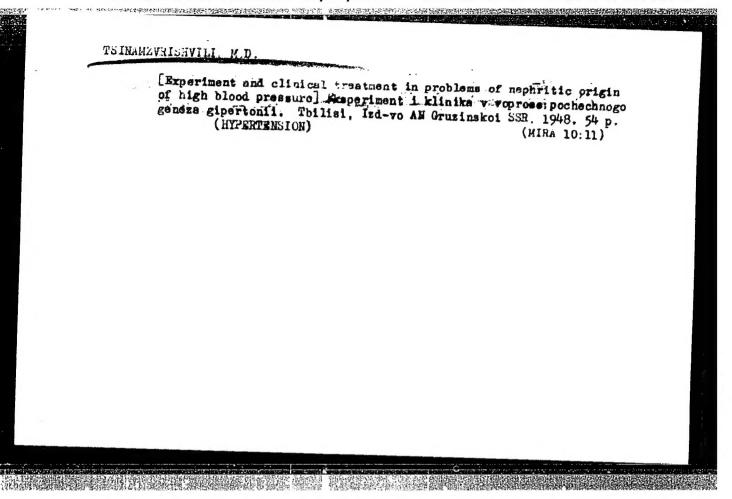
# TSINAMZGVARISHVILI, M.D.

**研究的情况的现在对行为的企业的证明的证明的证明的** 

Classification of hypertension according to date of complex investigation of its clinical and pathogenic aspects. Klin. med., Morkva 30 no. 5:9-18 May 1952. (CLML 22:3)

1. Of the Institute of Clinical and Experimental Cardiology, Academy of Sciences Georgian SSR (Director -- Honored Worker in Science Prof. M. D. Tsinamzgvarishvili, Active Member of the Academy of Sciences Georgian SSR).

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757110006-3"



Debatable questions on the clinical aspects of myocardial dystrophy.

Sov.med. 20 no.10:9-19 0'56.

(MLRA 10:1)

1. In Institute klinicheskoy i eksperimental'noy kardiologii (dir. (MYOCARDIUM, dis. (MYOCARDIUM, dis. dystrophy, diag.)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757110006-3"

Discussion of Prof. M. D. Tsinamzgvarishvili's, "Classification of hypertension according to data of the complex study of its clinical aspects and pathogenesis." Prof. A. B. Shakmazarov. Klin. med. 31 no. 1:78\_81 Ja '53

TSINAMZGVARISHVILI, M.D. (Tbilisi).

Controversial problems in the classification of hypertension; second report. Klin.med. 32 no.1:75-82 Ja '54. (MERA 7:4)

1. Iz Instituta klinicheskoy i eksperimental noy kardiologii Akademii nauk Gruzinskoy SSR (direktor - deystvitel nyy chlen Akademii nauk Gruzinskoy SSR zasluzhennyy deyatel nauki professor M.D.Tsinams-gvarishvili).

(Hypertension)

# TSINAMZGVRISHVILI, V.M.

Dynamics of the glycoten content in the liver in different forms of experimental hypertension. Trudy Inst.eksp.i klin. khir. i gemat. AN Gruz.SSR 10:283-288 '62. (MIRA 16:2) (HYPERTENSION) (LIVER-GLYCOGENIC FUNCTION)

At the Oremburg Mixed Feed Mill. Muk.-elev. proz.28 no.9:11-12 S '62. (MIRA 15:10)

1. Orenburgskiy kombikormovyy zavod. (Orenburg--Feed mills)

Continuous casting of boshmite. Prom. koop. no.5:6-7 of '56.

(MIRA 11:4)

1. Predsedatel pravleniya arteli "Khimprodukt," g. bashavtay.

(Boshmite)

# TSINBERG, V.

Introduction of accounting at the Orenburg Feed Mill. Muk.-elev. prom. 29 no.1:9-11 Ja \*63. (MIRA 16:4)

1. Glavnyy bukhgalter Orenburgskogo zavoda kombinirovannykh kormov.

(Orenburg-Flour and feed trade-Accounting)

OLEKS, S.; TSINBERG, Ye.

Effect of a single instillation of insulin into the conjunctival pac.on the blood sugar content in rabbits with alloxan diabetes.

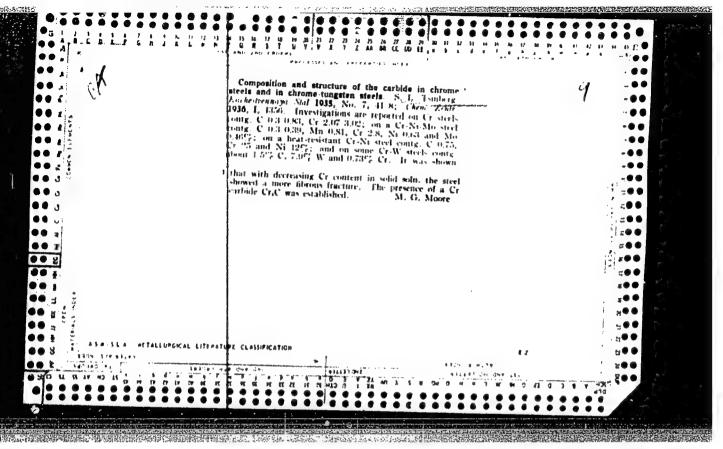
Probl. endok. i gorm. 6 no. 3:77-79 My-Je '60. (MIRA 14:1)

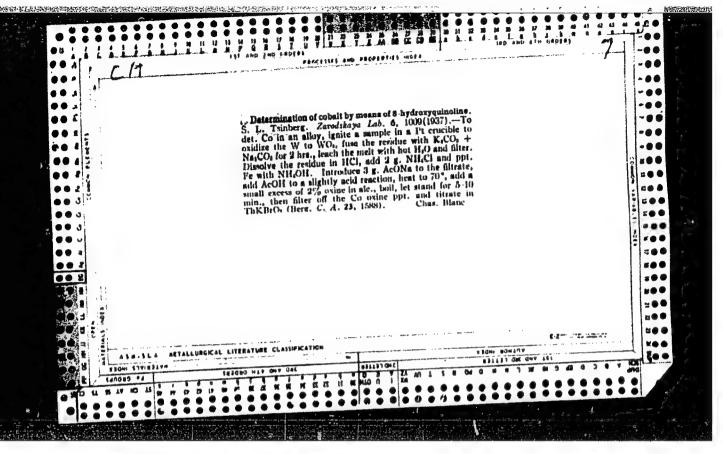
(DIABETES) (INSULIN) (CONJUNCTIVA)

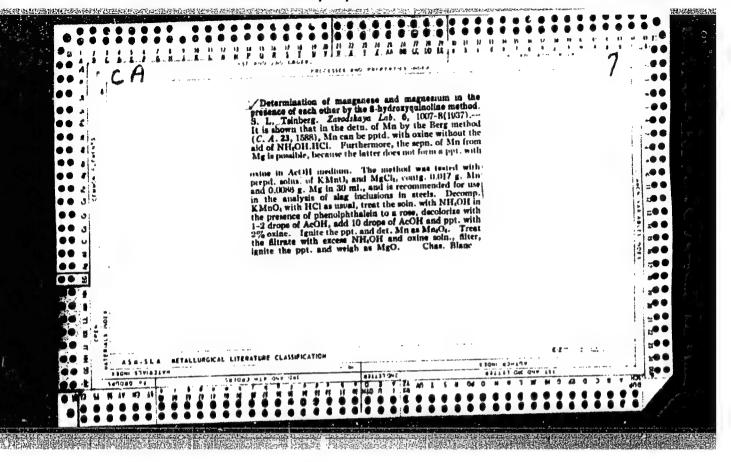
KANDELAKI, B.S.; ARUTTUNOVA, L.B.; TSINAURI, T.M.

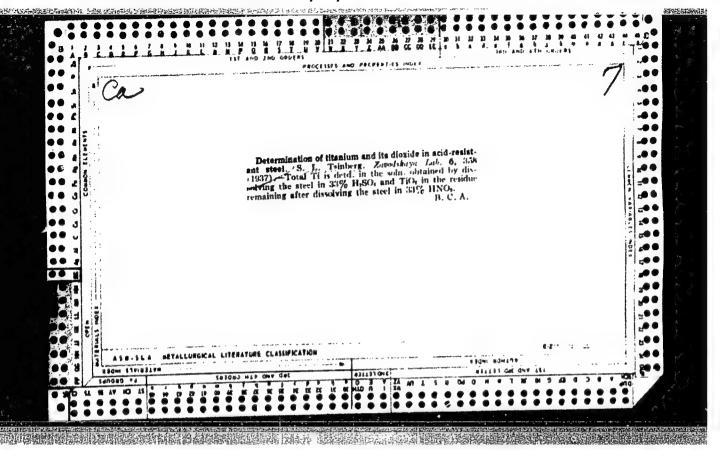
Luminescence method for determining the taste of black tea. Izv.vys.ucheb.zav.; pishch.tekh. no.4:165-167 '59. (MIRA 13:2)

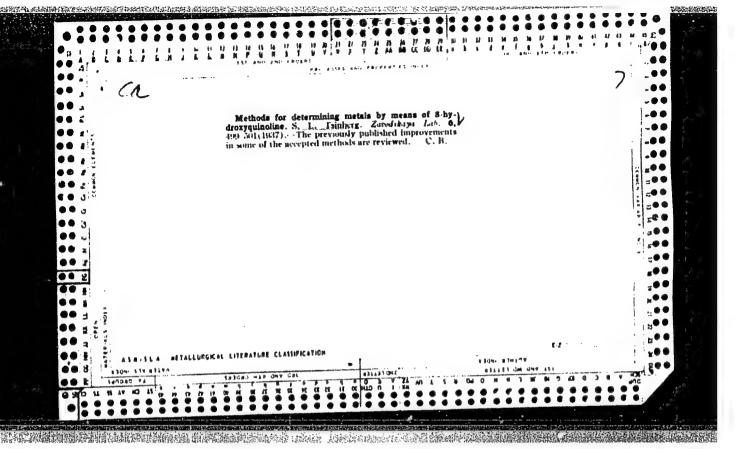
 Gruzinskiy politekhnicheskiy institut imeni V.I.Lenina. Kafedra fizicheskoy i kolloidnoy khimii. (Tea)

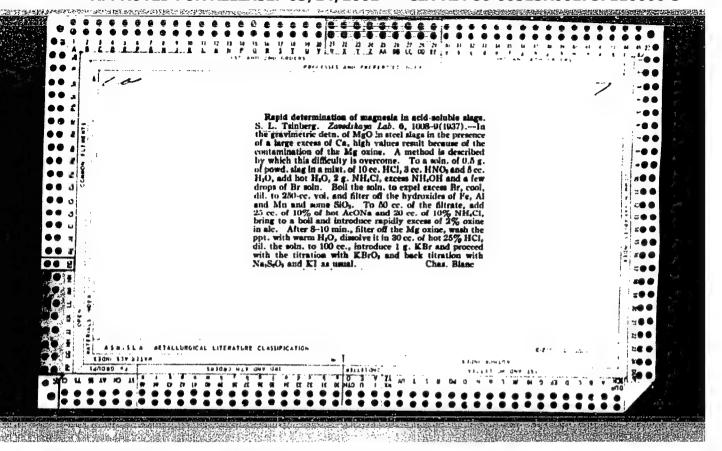












SOKOLOVEROVA, I.M.; BOCHKAREVA, A.A.; VOLODINA, Ye.P.; OLEKS, S.; TSINBERG, Ye.

Effect of repeated instillations of insulin into the conjunctival sac on the course of alloxan diabetes. Biul. eksp. biol. i med. 53 no 4: 64-66 Ap '62. (MIRA 15:4)

1. Iz kafedry patologicheskoy fiziologii (zav. - dotsent I.M. Sokoloverova) i kafedry glaznykh bolezney (zav. - dotsent A.A. Bochkareva Orenburgskogo meditsinskogo instituta (dir. - dotsent \$.S.Mikhaylov). Predstavlena deystvitel nym chlenom AMN SSSR V.V.Parinym).

(DIABETES) (INSULÍN) (CONJUNCTIVA)

TSINBERG, Ye.D.

Changes in cholinergic processes and some humoral shifts in experimental autosensitization with intestinal tissues. Nauch. trudy Kaz. gos. med. inst. 14:323-324 64. (MIRA 18:9)

1. Kafedra patologicheskoy fiziologii (zav. - prof. M.A. Yerzin) Kazanskogo meditsinskogo instituta.

TSINBERG, Ye.D.; NEFEDOV, V.P. (Kazan')

Some functional and morphological changes in experimental auto(iso)immunization. Arkh. pat. 27 no.11:9-12 '65.

(MIRA 18:12)

1. Kafedra patologicheskoy fiziologii (zav. - prof. M.A. Yerzin)

1 kafedra patologicheskoy anatomii (zav. - prof. G.G. Nepryakhin)

Kazanskogo meditsinskogo instituta. Submitted May 12, 1964.

1. 以外创作品的结果的信息。
 2. 以外创作品的结果的信息。

TSINBERG, Ye.M.

Bacteremia in suppurative-septic diseases treated with penicillin. Vest. khir. 71 no.2:63-64 1951. (CIML 20:8)

1. Of the Faculty Clinic, Leningrad Sanitary-Hygienic Institute.

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TSINBERG, Ye.M.

Bacterial flora in chronic osteomyelitis. Khirurgiia, Moskva no. 7:30-35 July 1952. (CLML 23:1)

1. Of the Department of Faculty Surgery (Head -- Prof. P. N. Mapalkov), Leningrad Sanitary-Hygienic Medical Institute.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757110006-3"

MARTYNOVA, N.V.; TS INBERG, Ye.M.

Streptomycin in surgery. Vest. khir., Moskva 73 no.1:42-43 Jan-Feb 1953. (GLML 24:3)

1. Of the Faculty Surgical Clinic of ISGMI (Head -- Prof. P. N. Mapalkov).

TSINDA, N., I., Cand Led Sci — (amss) "Development of the cortex of the limbic area of the brain in man after birth (cytoarchitectural and neural structure)," Moscow, 1900, 17 pp (Academy of Ledical Sciences USSA) (KL, 40-00, 124)

USSR/Medicine - Neurophysiology

FD-2383

Card 1/2

Pub. 154-14/18

Author

.......

Kryzhev, V. Ya. and Tsinda, N. I.

Title

On disturbances in the function of the visual analysor during bilateral

removal of the occipital lobes of the cerebrum of a dog.

Periodical:

Zhur. vys. nerv. deyat., 5, 110-123, Jan/Feb 1955

Abstract

Morphological study of remnants of the cerebral cortex in three experimental dogs that were objects of two-sided extirpation of occipital lobes revealed the presence of massive disintegration of visual areas and marked changes in the cellular and fibrous structure of fields of visual cortex of the hemispheres. When a minimum visual cortex area remained, reactions to objective visual stimuli stopped completely, analyticosynthetic functions of the visual analysor became disturbed, and only one reflex quality (reaction to visual irritation) remained. On the basis of experiments on dogs it is possible to conclude that generalized, totally nondifferentiated (reflex) reaction to visual irritation may, apparently, be effected by exciting the smallest possible area of the cellular elements of the visual cortex, higher analysis, synthesis of visual irritations and their

Card 2/2 FD-2383

inhibition and differentiation are possible only when the entire nucleus of the visual analysor is present. Three tables and five diagrams.

Four Soviet references.

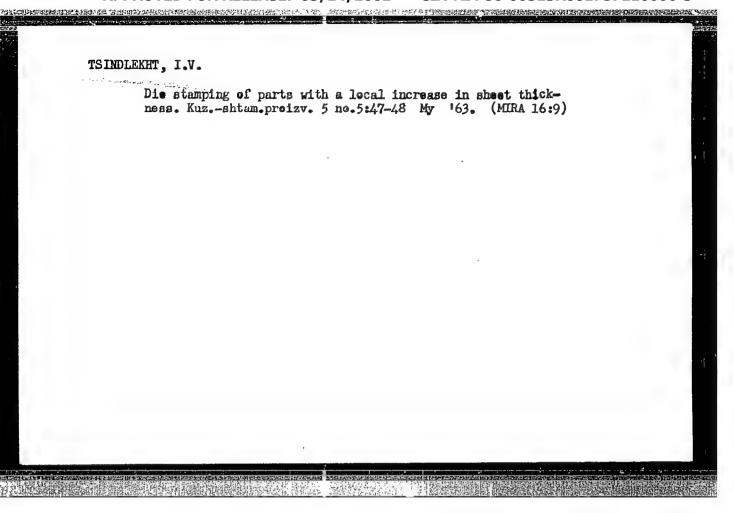
Institution: Brain Institute, Ministry of Health USSR.

Submitted: May 24, 1952

DOMANITSKIY, S. M.; IMEDADZE, V. V.; LEKULVADZE, A. G.

" Digital Optimal System of Programme Control and  ${\rm I}{\rm ts}$  Application for Blooming Mill Press Device. "

Paper to presented at the IFAC Congress, to be hold in Easel, Switzerland, 27 Aug to 4 Sep 63



SOKOLOV, N.M.; TSINDRIK, N.M.; DMITREVSKAYA, O.I.

Layering in ternary reciprocal systems consisting of salts of organic and inorgornic acids. Zhur. o.b khim. 31 no.4:1051-1056 Ap '61. (MIRA 14:4)

I. Smolenskiy meditsinskiy institut. (Systems (Chemistry))

AUTHOR: Tsindrik N. Hammer 79-28- 3-57/61

TITLE: The Ternary Mutual System of Formates and Mitrates of Lithium

and Sodium (Troynaya vzaimnaya sistema iz formiatov i nitratov

litiya i natriya)

PERIODICAL: Zhurnal Obshchey Khimii, 1958, Vol. 28, Nr 3, pp. 830-834

(USSR)

ABSTRACT: The system of formates and nitrates of lithium and sodium re-

presents the first experiment of a consequent investigation of the systems of lithium salts and fatty acids as well as of lithium— and sodium nitrates. Bergmanns works (Ref. 1) showed that in some systems of lithium salts the direction of reaction does not comply with the conditioned thermochemical effect. This circumstance increases the interest in the investigation of the systems with lithium salts. The ternary bilateral (mutual?) systems of formates and nitrates of lithium and sodium was investigated according to the visual polythermal method according to the classification by A. G. Bergmann and

N. S. Dombrovskaya referring to the irreversible bilateral

Card 1/2 systems. The corresponding curve was drawn according to the

The Ternary Mutual System of Formates and Hitrates of Lithium 79-28 3-57/61 and Sodium

boiling temperature of water and the melting point of benzoic acid (122,5°C), of mannitol (166°C), of succinic acid (163°C), of sodium (308°C) and potassium nitrate (337°C). The results of the experiments are illustrated by many figures and by two tables and are also explained. The results of experimental data are generalized in form of the projection of isothermal lines in the coordinate system of the system (Fig. 5). The position of the non-variant points and lines of common crystallization is represented by a projection of the denoted points on the side axis HCOOLi - HCOONE (Fig. 6). The equilibrium of the chemical reaction in the system was displaced to the side of lithium formate and sodium nitrate which are of all components most difficult to be fused. There are 6 figures, 2 tables, and 7 references, 6 of which are Soviet.

ASSOCIATION:

Smolenskiy meditsinskiy institut (Smolensk Medical Institute)

SUBMITTED:

December 14, 1956

Card 2/2

AUTHORS:

Tsindrik, N. M., Sokolov, N. M.

79-28-5-66/69

TITLE:

The Triple Reciprocal System of Propionates and Hitrates of

Lithium and Sodium (Troynaya vzaimnaya sistema iz propionatov

i nitratov litiya i natriya)

PERIODICAL:

Zhurnal Obshchey Khimii, 1958, Vol. 28, Nr 5,

pp. 1404 - 1410 (USSR)

ABSTRACT:

The given system is one of a series of systems being investi-

gated to establish dence of the direction of a reaction. (betweer the lithium salt of

an organic acid and sodium nitrate) on the length of the carbon chain of an acid radical. Earlier it was shown enat in similar cases the equilibrium in formates and acetates is displaced in the direction to sodium nitrate and lithium salt of the fatty acid (References 1,2). In the acetate system the equi-

librium is more displaced. The given system must explain whether the character of the displacement is subject

to rules. Different from nitrates, the lithium- and sodium-proprionates are little investigated. Thus, their melting points were determined for the first time only recently

Card 1/3

79-28-5-66/69

The Triple Reciprocal System of Propionates and Nitrates of Lithium and Sodium

(Reference 4). Vorlender (Forlender), without giving temperature data, is of the opinion that sodium propionates has polymorphous conversions. One of the authors found polymorphous conversions in sodium propionate at 77,195,217 and 287°C (Reference 3). All salts of the present system melt without decomposition. On overheating, the propionates become darker and decompose forming a gas. The mixture of nitrates and propionates is on this treatment accompanied by a flashing. Thus the two double systems LiNO3-C2H5COOLi and C2H5COONa-C2H5COOLi were investigated. The melting diagram of the triple reciprocal system of propionates and nitrates of potassium and sodium was set up. The equilibrium in the triple system is displaced in the direction to the lithium propionate and sodium nitrate; when the carbon atoms are increased in the fatty acid radical, the displacement of equilibrium increases in systems composed of formates, acetates

Card 2/3

79-28-5-66/69

The Triple Reciprocal System of Propionates and Nitrates of Lithium and

or propionates with nitrates of lithium and sodium. There are 8 figures, 3 tables and 6 references, 5 of which are

ASSOCIATION: Smolenskiy meditsinskiy institut (Smolensk Medical Institute)

SUBMITTED: March 27, 1957

Card 3/3

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757110006-3"

有是大学的文字中的自己的思想的主义是大学的主义的主义的主义的主义。 第一章

AUTHORS:

Tsindrik, N. M., Sokolov, N. H.

sov/79-28-7-3/64

TITLE:

Ternary Mutual System of Butyrates and Nitrates of Lithium

and Sodium (Troynaya vzaimnaya sistema iz butiratov i nitratov

litiya i natriya)

PERIODICAL:

Zhurnal obshchey khimii, 1958, Vol. 28, Nr 7,

pp. 1728 - 1733 (USSR)

ABSTRACT:

The present investigation was carried out to determine the direction of the conversion reaction in melts of butyrates and nitrates of lithium and sodium. It is of interest to compare this system to the earlier investigated ones of formiates, acetates, propionates of lithium and sodium, and the nitrates of the same metals. The surface of the molten systems in a still liquid state was investigated according to the visual-polythermal method. A nickel-chromium thermocouple and a millivoltmeter were used for the determination of the temperature, where the first crystals appeared. The butyrates of lithium and sodium were obtained by the addition of excess butyric acid to their carbonates and by a subsequent evaporation (Ref 1). The dry salts obtained were purified by recrystallization of butanol. The

Card 1/3

Ternary Mutual System of Butyrates and Nitrates of S0Y/79-28-7-3/64
Lithium and Sodium

melting points of the system components were: LiNO<sub>3</sub>-256°, NaNO<sub>3</sub>-308°, C<sub>3</sub>H<sub>7</sub>COOLi-329°, C<sub>3</sub>H<sub>7</sub>COONa-330°. With NaNO<sub>3</sub> a polymorphous transformation was found at 275°, with C<sub>6</sub>H<sub>7</sub>COONa at 117, 232, 252 and 316° (Ref 2). The investigation of the molten ternary mutual system of butyrates and nitrates of lithium and sodium is new. The data on the two double systems LiNO<sub>3</sub>-C<sub>3</sub>H<sub>7</sub>COOLi and C<sub>3</sub>H<sub>7</sub>COOLi-C<sub>3</sub>H<sub>7</sub>COONa are described for the first time (Ref 7). The dependence of the chemical dislocation of equilibrium in the series of the systems of formiates, acetates, propionates and butyrates with nitrates of lithium and sodium on the number of carbon atoms in the radical of the fatty acid was determined. There are 7 figures, 3 tables, and 5 references, 5 of which are Soviet.

Card 2/3

Ternary Mutual System of Butyrates and Nitrates of Lithium and Sodium

SOY/79-28-7-3/64

ASSOCIATION:

Smolenskiy gosudarstvennyy meditsinskiy institut (Smolensk

SUBMITTED:

September 6, 1957

1. Lithium nitrates—Chemical reactions Chemical reactions 3. Lithium butyrates—Chemical reactions 4. Sodium butyrates -- Chemical reactions compounds--Properties 5. Metalorganic

Card 3/3

Sodium and lithium formates and nitrates in reciprocal ternary system. Zhur. ob. khim. 28 no.3:830-834 Mr 158. (MIRA 11:5)

1. Smolenskiy meditsinskiy institut.
(Alkali metal formates) (Alkali metal nitrates)

TSINDRIK, N.M.; SOKOLOV, N.M.

Three component reciprocal system of sodium and lithium nitrates and propionates. Zhur. ob. khim. 28 no.5:1404-1410 My '58.

(MIRA 11:8)

1. Smolenskiy meditsinskiy institut.

(Alkali metal nitrate's) (Propionic acid)

TSINDRYA, T.O., inzh.; RAKHMANOV, S.K., inzh.; GOLOVANOVA, L.V., inzh.

Experimental wall panels. Stroi. mat. 11 no.2:32-33 F '65.

(MIRA 18:3)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757110006-3"

TSINEGIN, G. N. and VORONTSOV, P. A.

"Concerning the Cloud Gage OP-3."
Trudy Gl. geofiz. observ., No 47, pp 86-93, 1954.

The results of tests of the cloud gage OP-3 are given. The instrument is convenient to operate, simple and stable; its principle of action is based on the variation in resistance of a sensitive element to the moisture of the surrounding medium. Variation in the resistance induces a tone shift in the sound signal received by the receiver. The moment of variation of the signal's tome corresponds to the moment of entrance into and exit from the cloud. The results of an investigation indicate that the cloud gage gives a tone shift in regions where there is no visible cloudiness, but where there is a small quantity of drop-liquid moisture invisible to the eye. The instrument gives tone shifts during icing and therefore cannot be recommended as a network instrument. (RZhGeol, No 9, 1955)

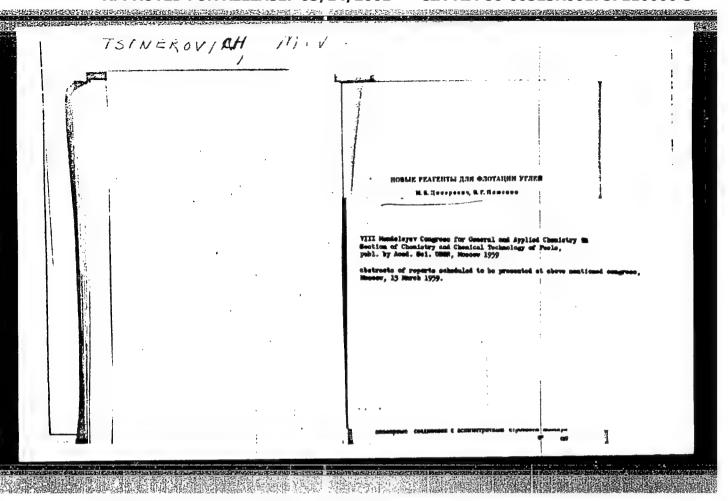
SO: Sum No 884, 9 Apr 1956

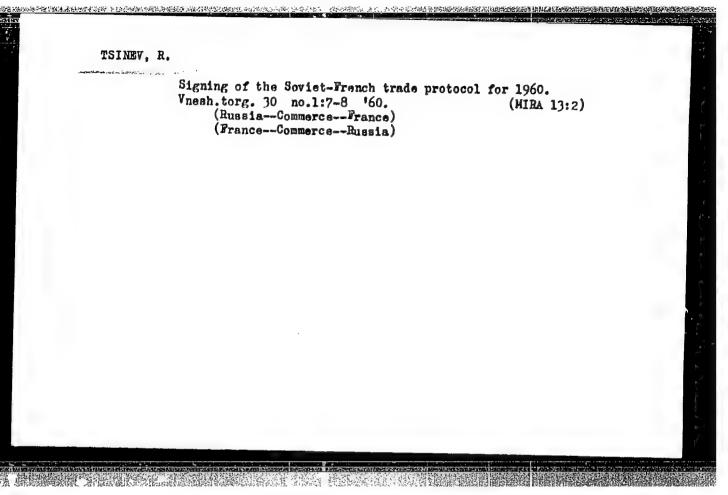
KAPLAN, V.I.; BRAZAUSKAS, V.V.; TSINELENE, M.A. [Cineliene, M.]

Pressure dyeing of lavsan. Tekst.prom. 22 no. 3:69-71 Hr '62.
(MIRA 15:3)

1. Kirektor Mauchno-issledovatel'skogo instituta tekstil'noy promyshlennosti, g. Kaunas (for Kaplan). 2. Nauchno-issledovatel'skiy institut tekstil'noy promyshlennosti, g. Kaunas (for Brazauskas, TSinelene).

(Dyes and dyeing) (Textile fibers, Synthetic)





Somali Republic. Vnesh. torg. 42 no.3:33-36 '62. (MIRA 15:3) (Somalia--Economic conditions) (Somalia--Economic assistance, Russian)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757110006-3"

# TSINGALENOK, V.

From a design to the finished house. Sov. profsoluzy 19 no.20:21-22 0 63. (MIRA 16:11)

1. Zamestitel' nachal'nika glavnoy inspektsii Gosudarstvennogo arkhitekturno-stroitel'nogo kontrolya Gosstroya RSFSR.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757110006-3"

TSINGALENOK, V.

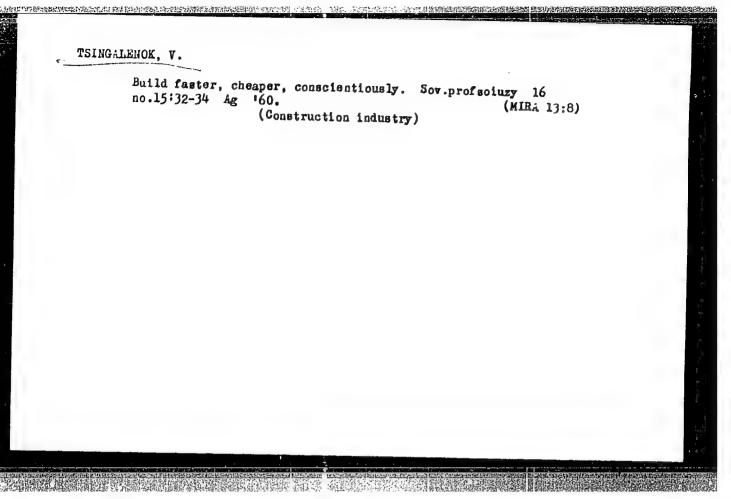
Building high-quality houses for the Soviet people. Zhil. stroi. no.1:14-17 Ja '60. (MIRA 13:5)

1. Zamestitel' nachal'nika Glavnoy inspektsii Gosarkhstroykontrolya Ministerstva kommunal'nogo khozyaystva RSFSR. (Apartment houses)

TSINGALENOK. V., nachal'nik glavnoy inspektsii.

Actively inspect housing construction. V pom.profaktivu 14 no.16:46-47
Ag '53. (MLRA 6:7)

1. Gosarkhstroykontrol. (Housing)



TSINGALENOK, V., nachal'nik glavnoy inspektsii.

Actively inspect housing construction. V pom.profaktivu 14 no.16:46-47

Ag '53. (MIRA 6:7)

1. Gosarkhstroykontrol. (Housing)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757110006-3"

AZHIPA, Ya.f.; YEGOROV, A.I.; TSINGALOVSKIY, N.B.; SAAKOV, B.A.

Review of M.G.Durmish'isn's monograph on the "Mechanisms of the effect of efferent stimulations." Fiziol.zhur. 43 no.5:483-484 My '57.

(REFLEXES) (DURMISH'IAN, M.G.)

(REPLEXES) (DURMISH'IAN, M.G.)

TSINGARELLI, Ye.P., inzh.; PROZOROVA, R.A., inzh.

Rapid analysis of ethers and some normal iso-alcohols within the range of dangerously explosive concentrations in the steamthe range of dangerously explosive concentrations in air phase. Bezop. truda v prom. 8 no.11:42-44 N 164.

(MIRA 18:2)

1. Giproniselektroshakht.

UBIYKO, A.M., inzh.; GUROV, M.A., inzh.; TSINGARELI, Ye.F., inzh.

Emission of nitrogen oxides in the operation of high-voltage switching apparatus with tight casing. Energ. i elektrotekh. prom. no.3:64-67 J1-S '64. (MIRA 17:11)

## "APPROVED FOR RELEASE: 03/14/2001

Card 1/1512

## CIA-RDP86-00513R001757110006-3

L38698-66 EWP(•)/EWT(m)/EWP(v)/T WW/WH ACC NR. AR6014538 SOURCE CODE: UR/0196/65/000/011/B011/B011 AUTHOR: Tsingarelli, Ye. P.; Nagornyakova, G. A. TITLE: Electric insulation material "Asbophomalit" (APh) SOURCE: Ref. zh. Elektrotekhnika i energetika, Abs. 11B72 REF SOURCE: Sb. nauchn. tr. Gos in-t po proyektir. i issled. vzryvobezopasn. elektrooborud. Giproniselektroshakht, vyp. 1, 1964, 191-193 TOPIC TAGS: composite material, insulating material / Asbophomalit insulating material ABSTRACT: Characteristics of APh are described; the material consists of asbestos paper or fiber impregnated with aluminum phosphates. APh is used for making slabs, cylinders, and other shapes by a relatively simple method. APh can be used in dry rooms at temperatures of 180--250C. APh has good dielectric characteristics, and is arc- and fire-resistant. Under humid conditions, the APh parts should be protected by moisture-resistant coatings. Two figures. One table. V. Bondarenko [Translation of abstract] SUB CODE: 09, 11/

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757110006-3"

UDG: 621.315.613.2

ACC NR: AP6007161

SOURCE CODE: UR/0115/65/000/012/0013/0016

AUTHOR: Antonov, V. V.; Polisskiy, Yu. D.; Tsingauz, V. Kh; Grigoriyev, Ye. G.;

ORG: none

TITLE: Some methods for eliminating the error due to sweep nonlinearity in photopulse devices

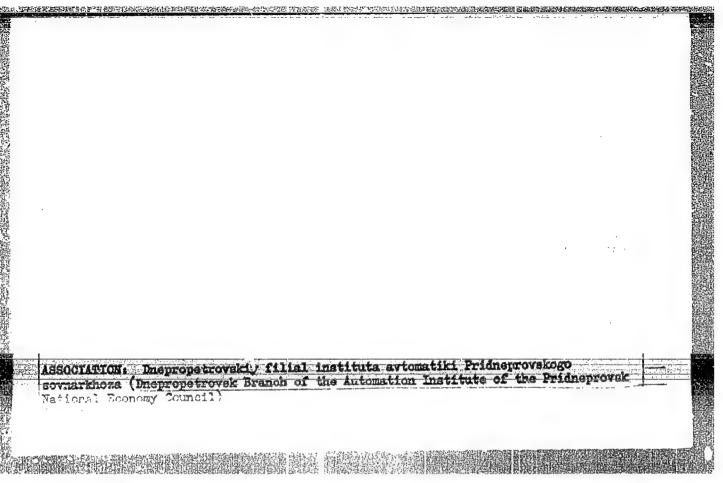
SOURCE: Izmerital'naya tekhnika, no. 12, 1965, 13-16

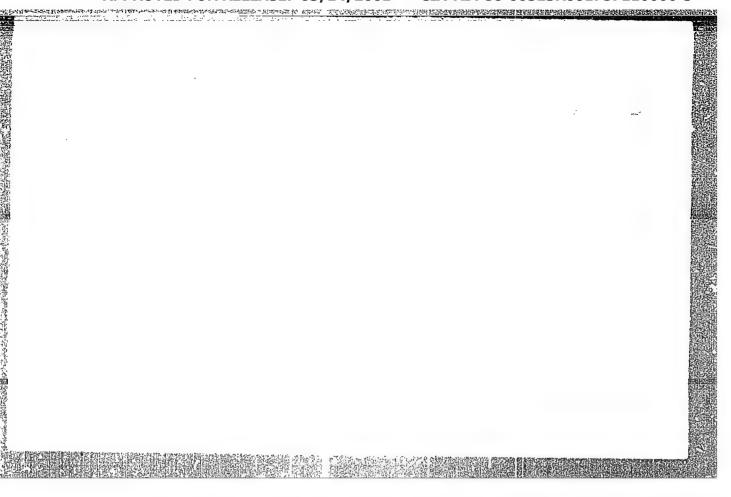
TOPIC TAGS: photoelectric cell, industrial automation, error minimization

ABSTRACT: A photoelectric system of automatic control of rolling-mill-product dimensions is considered; specifically, the error due to nonlinearity of the mechanical sweep of the N -shaped pulse is analyzed, and these two methods for the error elimination are suggested: (1) Generation of a nomuniform sequence of filling scale pulses by an IC-oscillator; (2) Same, by an RC-oscillator. In the first method, the scale-rulse frequency is calculated by a variable capacitor whose plates are shaped to compensate for the nonlinearity of the sweep. In the second case, the same results are achieved by calculating a luminous flux falling on a photoresistor or by calculating the intensity of a light source. Only the theory of the methods is presented. Orig. art. has: 5 figures and 22 formulas.

SUB CODE: 09 4 SUBM DATE: none / ORIG REF: 001

UDC: 621.373.431.2.088:531.71





TSINGER, A. N.

Interesting botany. (Moskva) Sovetskaya Nauka, 1951.

Monthly List of Russian Accessions, Library of Congress, October 1952, UNCLASSIFIED

Problems and questions in physics; text for students in teacher's institutes.

QC32.T8 1951

1. Physics - Problems, exercises. etc.

TSINGER, A.V.: STANKOV, S.S., professor, redaktor; SIDOROVA, V.T., redaktor; GRIBOVA, M.P., takhniceskiy redaktor

[Botany made interesting] Zanimatel'naia botanika, 6-oe izd. Pod red., i s dop. S.S.Stankova. Moskva, Gos. izd-vo 'Sovetakaia nauka," 1954. 233 p. (MIRA 8:1)

(Botany)

## Science

Problems and questions in physics; text for students in teachers institutes; Izd. 9. Podgotovleno k pechati D. I. Sakharovym i S. N. Zharkovym. Moskva, Gos. uchebnope-dagog. izd-vo, 1951

Monthly List of Russian Accessions, Library of Congress, May 1952. UNCLASSIFIED.

TOIMUEN, N. F. Cand. Blodeg. Jci.

Dissertation: "Anatomical-Physiological Modifications of the Seeds and Pericarp in the Process Tomg to Fruit Development." Inst of Physiology of Plants imeni K. A. Timiryazev, Acad Sci USSR, 20 Jun 47.

SO: Vechernyaya Moskva, Jun, 1947 (Project #17836)

- 1. VALISHINA, V.P. TSINGER, N.V.
- 2. USSR (600)
- 4. Germination
- 7. Germination of aconite seeds as a function of germ dimensions. Riul. Glav. bot. sada. no.13, 1952
- 9. Monthly list of Russian Accessions, Library of Congress, March 1953, Unclassified

ISINGER, N.V.

USSR/Biology - Plant physiology

Card 1/1

Pub. 22 - 38/40

Authora

Tsinger, N. V.

Title

Nuclear blending in the endosperm of spermatic plants and their phylogenetic value

Periodical : Dok. AN SSSR 99/3, 179-481, Nov 21, 1954

Abstract

The physiological role of nuclear blendings in the endosperm of spermatic plants was investigated. The philogenetic values of such blendings on plant development is explained. It was found that blendings occurring in a polynuclear endospermal tissue result in an increase in the energy of the physiological processes and intensify the development of the seed. One German reference (1933). Drawings.

Institution:

Academy of sciences USSR, Central Botanical Garden

Presented by:

Academician N. V. Tsitsin, June 5, 1954

TSINGER, N.V.; PETROVSKAYA, T.P.

Structure and physiological properties of integumentary parenchyma of pecules. Biul.Glav.bet. sada no.23:54-61 155. (MLRA 9:7)

1.Glavnyy botanicheskiy sad Akademii nauk SSSR. (Peenies)

75/NGER, N.V.

USSR/General Biology - Cytology

B-2

Abs Jour

: Referat Zhurn - Biol. No 16, 25 Aug 1957, 68034

Author

Petrovskaya, T.P., Tsinger, N.V.

Title

: Perforation of the Cellular Capsule in Seed Tissues.

Orig Pub

: Biol. Gl. Botan. Sada. AN SSSR, 1956, Vol. 25, 111-112.

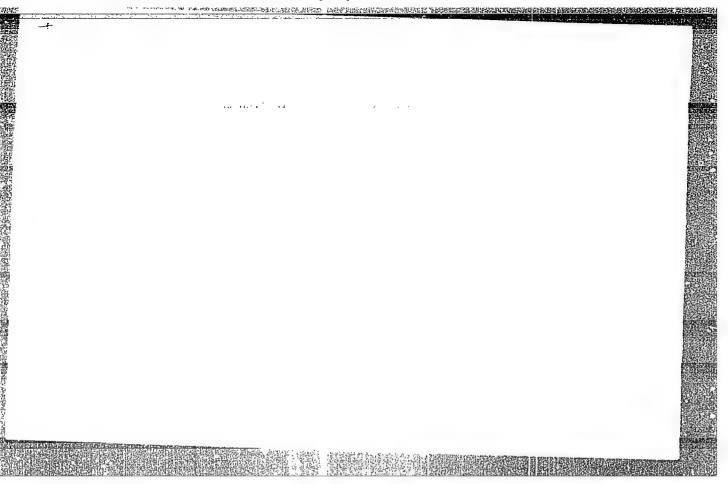
Abstract

: The perforation of the cellular envelope, described earlier for seed coverings, ovules, and peony placentas (Referat. Zh. Biol., 1956, 85206) was detected in the ginseng ovule and the corn corymbose. The presence of perforations in the seed tissues of distant plants of systematic groups (Ranunculaceae, Araliaceae, Gramineae) makes the assumption possible that this phenomenon is

widely distributed in seed coverings.

Card 1/1

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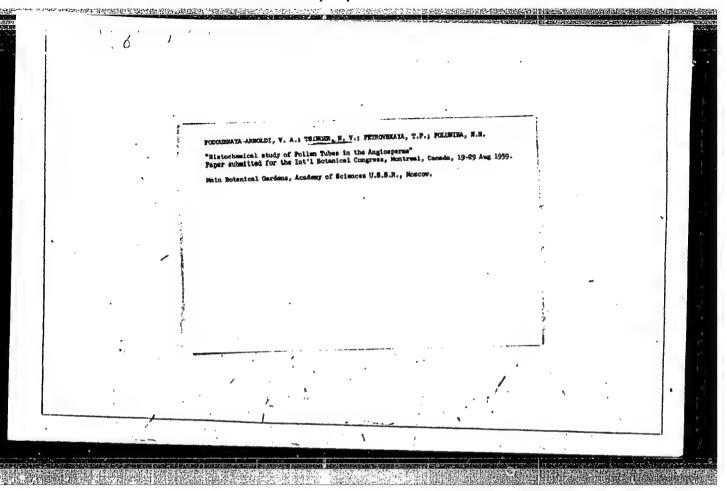


TSINGER, N. V., Doc Biol Sci -- (diss) "The Seed, Its Development and Physiologic Properties." Mos, [Publication of Acad Sci USSR], 1957. 20 pp (Acad Sci USSR, Botanical Inst im V. L. Komarov, Main Botanical Garden Acad Sci USSR), 125 copies (KL, 49-57, 112)

- 20 -

TSINGER, Mataliya Vasil'yevna; BLAGOVESHCHENSKIY, A.V., prof., zasluzhennyy deyatel' nauki, otvetstvennyy red.; BOGDANOV, A.I., red. 1zd-va; POLYAKOVA, T.V., tekhn. red.

[The seed, its development and physicloical properties] Semia, ego razvitie i fiziologicheskie svoistva. Moskva, Izd-vo Akad. nauk SSSR, 1958. 284 p. (NIRA 11:8)



TSINGER, N.V.

Physiological significance of covering tissues in seeds.
Biul.Glav.bot.sada no.32:59-67 '58. (MIRA 12:5)

1. Glavnyy botanicheskiy sad AN SSSR.
(Seeds—Anatomy)

TSINGER, N.V., PODDJENAYA-ARNOL'DI. V.A., PETROVTRAYA-RERINGR. T.P.

Evolution of female embryonic organs in aster and orthic families. Biul. Glav. bot. sada no.55:81-50 \*64.

1. Glavnyy botanicheskiy sad AN SSSR.

(MIR/ 18:11)

PUTROVSKAYA-BARATOVA, T.P.; TSIMOER, E.V.

Atavistic adaptations to the nexual process in the ovules of parthenogenatic species of Taraxacas. Trudy HOTP Otd. biol. 13:257-266 165 (HIRA 19:1)

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TSINGER, N.V.; PETROVSKAYA-BARANOVA, T.P.

Spherosomes of pollen tubes and their role in cork synthesis. Dokl. AN SSSR 165 no.2:417-420 N '65. (MIRA 18:11)

1. Glavnyy botanicheskiy sad AN SSSR. Submitted July 30, 1964.

TSINGER, N.V.; PODDUENAYA-ARNOL'DI, V.A.; PETRI VSKAYA, T.P.; POLUNINA, N.N.

Causes of apomixis; histochemical study of female generative organs in apomictic representatives of Taraxacum and Mitrus. Trudy MOIF.Otd. biol. 13:201-237 '65. (MIRA 19:1)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757110006-3"

TSINGER, N.V.

Vera Alekseevna Poddubnaia-Arnol'di; on her 60th birthday. Bot. zhur. 47 no.9:1391-1393 S '62. (MIRA 16:5)

1. Glavnyy botanicheskiy sad AN SSSR, Moskva.
(Poddubnaia-Arnol'di, Vera Alekseevna, 1902-)

PETROVSKAYA-BARANOVA, T.P.; TSINGER, N.V.

Histochemical investigation of phosphatases in pollen, pollen tubes and root hairs. Bot. ahur. 47 no.9:1327-1333 S '62. (MIRA 16:5)

1. Glavnyy botanicheskiy sad AN SSSR, Moskva. (Phosphatase) (Pollen)

PETROVSKAYA, T.P.; TSINGER, N.V.

Free amino acids and sugars in the pollen and anthers of the first generation of Triticum-Agropyron hybrids and their parental forms. Trudy Glav. bot. sada 8:141-148 '61. (MIRA 15:1) (Triticum-Agropyron hybrids) (Pollen) (Plants-Chemical analysis)

PODDUBNAYA-ARNOL'DI, V.A.; TSINGER, N.V.; PETROVSKAYA, T.P.; POLUNINA, N.N.

Histochemical investigation of the pollen and pollen tubes in some angiosperms. Trudy Glav. bot. sada 8:162-194 '61.(MIRA 15:1)

(Angiosperms)

(Pollen)

(Plants—Chemical analysis)

TSINGER, N.V.; PODDUBNAYA-ARNOL'DI, V.A.

Use of the histochemical method in studying embryonic processes in orchids. Trudy Glav.hot.sada 6:90-169 \*59.

(MIRA 13:5)

(Orchids)

TSINGER, No.Vo.; PETROVSKAYA-BARANOVA, T.P.

The coat of the pollen grain as a living physiologically active structure. Dokl.AN SSSR 138 no.2:466-469 My '61. (MIRA 14:5)

1. Predstavleno akademikom N.V.TSitsinym. (Pollen)

TSINGER, N. V., PETROVSKAYA, T. P.

"Histochemical Data Characterizing the Physiological Functions of the Membranes of Pollen."

report submitted for the First Conference on the problems of Cyto and Histochemistry, Moscow, 19-21 Dec 1960.

Main Botanical Gardens, Academy of Sciences USSR, Moscow.

TSINGER, N.V.: PODDUBNAYA-ARNOL'DI, V.A.

A histochemical description of the embryo proteins in certain orbhid representatives. Dokl. AN SSSE 118 no.3:607-610 Ja '58. (MIRA 11:4)

1.Predstavleno akademikom H.V. TSitsinym. (ORCHIDS) (PLANT CELLS AND TISSUES) (BOTANY-EMERYOLOGY)

TSINGER, N.V.; PETROVSKAYA, T.P.

Histochemical application of Millon's protein reaction to botanical materials. Bot. zhur. 44 no.7:957-959 Jl '59. (MIRA 12:12)

1.Glavnyy Botanicheskiy sad AN SSSR, Moskva, Ostankino.
(Plants--Chemical analysis) (Proteins)
(Mercury compounds)

TSINGER, N.V.

AUTHORS:

Tsinger, N. V., Poddubnaya-Arnolidi, V. A.

20-3-55/59

TITLE:

Histochemical Description of the Embryo Froteins in Certain Orchid Representatives (Gistokhimicheskaya Kharakteristika belkov zarodyshey nekotorykh predstaviteley orkhidnykh).

PERIODICAL:

Doklady AN SSSR, 1958, Vol. 118, Nr 3, pp. 607-610 (USSR)

ABSTRACT:

The authors studied the seeds of three orchid species: a primitive -Cypripedium insigne, and two highly developed forms:

Calanthe Veitchii and Dendrobium nobile. In histochemical respects these last two were equal, so in the following part we speak only of Calanthe. The seeds were subjected to three well-known color reactions for proteins: biuret reaction, ninhydrine reaction, and Millon reaction. A multicellular young embryo of Calanthe reacts negatively to the biutet reaction as it becomes lemoncolored instead of violet (figure 1). Yet probably younger embryos (consisting of a few cells only) become violet. In this respect a Cypripedium embryo reacts like all the other angiosperms and becomes violet according to the accumulation of reserve proteins. This reaction ceases, however, when the Cypripedium embryo becomes completely mature. It seems improbable that the absence or small amount of proteins might cause this

Card 1/4

Histochemical Description of the Embryo Proteins in Certain 20-3-55/59 Orchid Regresentatives.

failure of the biuret reaction, as it it possible to trace these proteins with certainty by means of the ninhydrine and Millon reactions. The Calanthe embryo shows both these reactions. The only plausible explanation would be that the proteins of the embryo during its development are subject to such changes of structure that prevent the biuret reaction. With invertin the same fact is known (ref. 1). In this case the pecularities in the structure of the molecule seem to mask the peptide compounds and so to prevent the process of the biuret reaction. If this is the case it must be acknowledged that the reserve proteins of the orchid embryos are highly specific. The histochemical conclusions of the authors were confirmed by biochemical analysis (table 1). It turned out that the maximum part of the proteins mentioned consisted of an insoluble residual fraction (40% of the nitrogenous protein with Cypripedium and 76% with Calanthe - an exorbitant number). It appears to the authors that the high specific character of the orchid proteins is in a certain way related to the extremely high morphological pecularity of this vegetable family. As is generally known the orchids strongly differ from all other angiosperms by prouliar structural and physiological traits. To this applies also that

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Histochemical Description of the Embryo Proteins in Certain 20-3-55/59 Orchid Representatives.

Calanthe earlier forms greater quantities of the proteins not reacting to the biuret reaction than is the case with the more primitive Cypripedium. We may conclude from this that the specialization of the protein structure and the morphological specialization of the orchids take a parallel and similar course. This certainly applies to the reserve poly-saccharides of the orchide, too. The Calanthe and Dendrobium embryos are filled with very big grains of some polysaccharide which becomes reddish-brown under iodine influence. In Sypripedium the non-nitrogenous reserve substances are stored as normal starch grains which become bluish-violet under iodine influence. The higher an orchid is ranked in the system the more the oxydation processes within it are suppressed, and the poorer it is in plastic and physiologically active substances: there are greater quantities of peroxidase, oxidases, hetero-auxin in Cypripedium than in Calanthe and Dendrobium (reference 3). In spite of the scarcity of hetero-auxin and the reduced oxidative ferments the Calanthe and Dendrobium embryos can germinate much more rapidly than those of Cypripedium. These compensating factors are not yet clear.

Card 3/4

Histochemical Description of the Embryo Proteins in Certain Orchid Representatives.

20-3-55/59

There are 4 figures, 1 table, and 3 Slavic references.

PRESENTED:

August 1, 1957, by N. V. Tsitsin, Academician

SUBMITTED:

July 31, 1957

AVAILABLE:

Library of Congress

Card 4/4

TSINGER, V.N., kand.tekhn.nauk

The problem of the economically most advantageous estimated rates of discharge for spillways. Gidr. stroi. 33 no.11:33-34 (MIRA 16:1)

N '62. (Spillwayt)

TSINGER, V.N., kand.tekhn.nauk, dotsent

Calculations of the transformation of maximum expenditure of a reservoir taking into account the hydraulic conditions of motion of the flood wave. Izv. vys. ucheb. zav.; energ. 7 no.3: 95-103 Mr '64. (MIRA 17:4)

1. Belorusskaya sel'skokhozyaystvennaya akademiya. Predstavlena kafedroy gidravliki i vodosnabzheniya.

TSINGER, V.N. (g. Gorki Mogilevskoy oblasti)

Determining the volume of regulating pond-type rainwater reservoirs.

Vod. i san. tekh. no.11:9-11 N '60. (MIRA 13:11)

(Reservoirs) (Sewerage)